TABLE 21

GRAPHICAL COMPARISON OP FUELS

Pittsburgh coal, pulverized, No. 21.

Low B.t.u. per pound = 13,336
High 13,806
Calorics per kg = 7,409
7,671

Products of Combustion

Composition by Weight as Fired	Cubic Meters per Kilogram				
	Air Supply in Percentage of 1 heoretical				
	100%	120%	140%	180%	260%
•H, 4.8/ C /3.28 S	0.00	0.31	0.63	1.26	2.51
H_2O 2.28	1.38	1.38	1.38	1.38	1.38
N_2 1.35	0.57	0.57	0.57	0.57	0.57
Ash 10.82	6.31	7.56	8.82	11.33	16.35
	8.26	9.82	11.40	14.54	20.81
	7.84	9.41	10.98	14.12	20.39
Weight: kg per cu m . . .	1.341				1.341
Oo..	0.00				40.22
	22.03				22.03
	9.08	Cubic	Feet per	)und	9.08
CO, ...	101.05	5.03	P<	20.11	261.90
No	132.16	22.03	10.06	22.03	333.23
Total	125.66	9.08	22.03	9.08	326.80
	0.00	121.12	9.08^	181.45	12.07
Air SUPPLY	16.66	157.26	141.25	232.67	6.61
Oo.	6.93	150.80	182.42	226.20	2.75
	76.41	Percei	175.90	(Wet)	78.57
CO_2	0.00	3.19	itage	8.66	12.41
H_2O	17.91	14.03	Basis	9.47	•
No	82.09	5.82	5.51	3.93	6.80
0_2		76.96	12.07	77.94	80.79
		Perce]	5.02	(Dry)	
CO_2		3.39	77.40	8.99	
No		14.87	itage	9.86	
		81.74	Basis	81.15	
			5.80		
			12.71		
			81.49		